

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : April 14, 2004
S. Parkin : Group Art Unit: Unassigned
Serial No.: Unassigned : Examiner: Unassigned
Filed: April 14, 2004 : San Jose, California

Title: **MgO Tunnel Barriers and Method of Formation**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
U.S. Patent and Trademark Office
Alexandria, VA 22313-1450

Dear Sir:

Under the provisions of 37 CFR § 1.97 through §1.99 and pursuant to Applicant's duty of disclosure under 37 CFR §1.56, Applicant respectfully brings the following document(s) listed on the attached form PTO-1449 to the attention of the Examiner in charge of the above-identified application. Copies of the listed document(s) are provided herewith.

This Information Disclosure Statement is being submitted at the time of filing the original patent application. (No fee is due.)

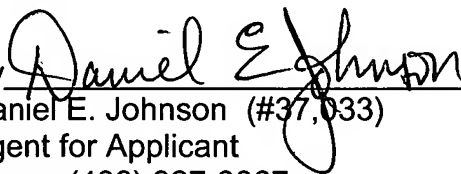
This submission does not constitute an admission that the cited reference(s) are relevant or material to the claims. The reference(s) are only cited as constituting related art of which Applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

The Director is hereby authorized to charge payment of any deficiency in the above fee(s) or to charge any additional fees required under 37 CFR § 1.16 or 1.17 or credit any overpayment to Deposit Account No. 09-0441. A duplicate copy of this authorization is attached for the Finance Branch.

Respectfully submitted,

S. Parkin

By 
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Attachments

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Unassigned
				Filing Date	April 14, 2004
				First Named Inventor	S. Parkin
				Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	ARC920030057US2
Sheet	1	of	5		

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5,390,061	02-14-1995	Nakatani et al.	
		US- 5,465,185	11-07-1995	Heim et al.	
		US- 5,640,343	06-17-1997	Gallagher et al.	
		US- 5,650,958	07-22-1997	Gallagher et al.	
		US- 5,729,410	03-17-1998	Fontana Jr. et al.	
		US- 5,764,567	06-09-1998	Parkin	
		US- 5,841,692	11-24-1998	Gallagher et al.	
		US- 5,936,293	08-10-1999	Parkin	
		US- 6,153,320	11-28-2000	Parkin	
		US- 6,226,160	05-01-2001	Gallagher et al.	
		US- 6,347,049	02-12-2002	Childress et al.	
		US- 6,359,289	03-19-2002	Parkin	
		US- 6,388,268	05-14-2002	Kim et al.	
		US- 6,392,281	05-21-2002	Tsuge	
		US- 6,429,497	08-06-2002	Nickel	
		US- 6,535,365	03-18-2003	Lukaszew et al.	
		US- 2002/0076940 A1	06-20-2002	Hibino	
		US- 2002/0097534 A1	07-25-2002	Sun et al.	
		US- 2002/0097535 A1	07-25-2002	Ito et al.	
		US- 2002/0097537 A1	07-25-2002	Shimazawa	

[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
Sheet		2	of	5	Application Number Unassigned Filing Date April 14, 2004 First Named Inventor S. Parkin Art Unit Unassigned Examiner Name Unassigned Attorney Docket Number ARC920030057US2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code ² (if known)			
		US- 2002/0114112 A1	08-22-2002	Nakashio et al.	
		US- 2002/0159203 A1	10-31-2002	Saito et al.	
		US- 2002-0163764 A1	11-07-2002	Nakazawa et al.	
		US- 2002/0164828 A1	11-07-2002	Ishiwata et al.	
		US- 2002/0191355 A1	12-19-2002	Hiramoto et al.	
		US- 2003/0035249 A1	02-20-2003	Ho et al.	
		US- 2003/0058685 A1	03-27-2003	Tran et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)				
		JP 2000 322714	24-Nov-2000	Teruaki et al.	Abstract	

Examiner Signature	Date Considered
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